

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A method for sending data in a hearing aid system,
5 comprising:
 assigning a priority for a send operation based on an operational function of
 the data to be sent;
 ~~and sending~~ assembling a data packet with a length as the length being a
 function of the assigned priority; and
10 sending the data packet.
2. (original) The method according to claim 1, further comprising:
 receiving data of a second priority; and
 temporarily terminating the sending of the data packet, if the second priority is
15 higher than the assigned priority.
3. (original) The method according to claim 1, wherein a manual control process
causes a send with the highest priority.
- 20 4. (original) The method according to claim 1, further comprising:
 synchronizing two hearing aids in the hearing aid system with data packets of
 a lowest priority.
5. (original) The method according to claim 1, wherein only a single communication
25 channel is available in the hearing aid system.

6. (original) The method according to claim 1, further comprising:

structuring a first part of the data packet to comprise user data or a preamble;
and

5 structuring a second part of the data packet to comprise at least one of the
same user data and other user data.

7. (original) The method according to claim 1, wherein the data packet has a length
of (N+1) data words, with N defining the priority as a whole number.

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8. (original) The method according to claim 1, further comprising:

reserving a communication channel for a predefined period of time after a
send with the highest priority.

15 9. (currently amended) A device for sending data for a hearing aid system,
comprising:

an assigning device configured for assigning a priority for a send operation
based on an operational function of the data to be sent;

20 a preparation device configured for preparing data to be sent in a data packet
with a length as the length being a function of the assigned priority;
and

a sending device configured for sending the prepared data.

10. (original) The device according to claim 9, further comprising:

25 a reception device configured to receive data of a second priority; and

a controller, which is connected with the sending device and the reception device, configured to temporarily terminate the send operation through the sending device in case the second priority is higher than the assigned priority.

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11. (original) The device according to claim 9, wherein a highest priority can be assigned with the assigning device when a manual control is registered with the preparation device.

10 12. (original) The device according to claim 9, wherein a lowest priority can be assigned with the assigning device when synchronization data for synchronizing two hearing aids are prepared with the preparation device.

13. (original) The device according to claim 9, wherein only a single communication
15 channel is available in the hearing aid system.

14. (original) The device according to claim 9, further comprising a configuration attribute permitting integration into a hearing aid or remote control.

20 15. (original) The device according to claim 9, wherein a first part of the data packet comprises user data or a preamble and a second part contains at least one of the same user data and other user data.

16. (original) The device according to claim 9, wherein the data packet has a length
25 of $(N+1)$ data words, with N defining the priority as a whole number.

17. (original) The device according to claim 9, further comprising:

a controller for controlling the sending device so that after a send with a highest priority in the hearing aid system, the sending device can be switched to inactive for a predefined time.

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18. (currently amended) A method for sending data in a hearing aid system, comprising:

assigning priority to data based on an operation function of the data to be sent;

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sending data of a first priority;

receiving data of a second priority coincident with the sending of data of the first priority; and

temporarily terminating the send if the second priority is higher than the first priority.

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19. (original) The method according to claim 18, wherein only a single communication channel is present in the hearing aid system.

20. (original) The method according to claim 18, further comprising:

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constructing a first part of the data packet to comprise user data or a preamble; and

comprising a second part of the data packet to comprise at least one of the same user data and other user data.

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21. (original) The method according to claim 18, wherein the data packet has a length of $(N+1)$ data words, with N defining the priority as a whole number.

22. (original) The method according to claim 18, further comprising:

reserving a communication channel for a predetermined time after a send
with a highest priority.

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23. (currently amended) A device for sending data for a hearing aid system,
comprising:

a device configured for assigning priority to data based on an operation
function of the data to be sent;

10 a sending device configured for sending a data packet of a first priority;
a reception device configured for receiving data of a second priority
coincident with the sending of data of the first priority; and
a controller, which is connected with the sending device and the reception
device, for the temporary termination of the send operation through the
15 sending device in case the second priority is higher than the first
priority.

24. (original) The device according to claim 23, whereby only a single
communication channel is available in the hearing aid system.

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25. (original) The device according to claim 23, further comprising a configuration
attribute permitting integration into a hearing aid or remote control.

26. (original) The device according to claim 23, wherein a first part of the data
25 packet comprises user data or a preamble, and a second part of the data packet
contains at least one of the same user data and other user data.

27. (original) The device according to claim 23, wherein the data packet has a length of (N+1) data words, with N defining the priority as a whole number.

5 28. (original) The device according to claim 23, wherein, after a reception of data of a highest priority, the controller is configured to switch the sending device to inactive for a predefined period of time.

29. (currently amended) A hearing aid comprising:

10 a device for sending data for a hearing aid system, the device comprising:
an assigning device configured for assigning a priority for a send
operation based on an operational function of the data to be
sent;
a preparation device configured for preparing data to be sent in a data
15 packet with a length as , the length being a function of the
assigned priority; and
a sending device configured for sending the prepared data.

30. (currently amended) A hearing aid comprising:

20 a device for sending data for a hearing aid system, the device comprising:
an assignment device configured for assigning priority to data based
on an operation function of the data to be sent;
a sending device configured for sending a data packet of a first priority;
a reception device configured for receiving data of a second priority
25 coincident with the sending of data of the first priority; and

a controller, which is connected with the sending device and the reception device, for the temporary termination of the send operation through the sending device in case the second priority is higher than the first priority.

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31. (currently amended) A remote control comprising:

a device for sending data for a hearing aid system, the device comprising:

an assigning device configured for assigning a priority for a send operation based on an operation function of the data to be sent;

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a preparation device configured for preparing data to be sent in a data packet with a length as the length being a function of the assigned priority; and

a sending device configured for sending the prepared data.

15 32. (currently amended) A remote control comprising:

a device for sending data for a hearing aid system, the device comprising:

a device configured for assigning priority to data based on an operation function of the data to be sent;

sending device configured for sending a data packet of a first priority;

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a reception device configured for receiving data of a second priority coincident with the sending of data of the first priority; and

a controller, which is connected with the sending device and the reception device, for the temporary termination of the send operation through the sending device in case the second priority is higher than the first priority.

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